

**Listing of Claims:**

1. (Currently Amended) A medical image radiographing system comprising:

5 a radiographic-room-use radiographing apparatus for performing medical radiography on a predetermined part of a patient in a radiographic room;

10 a portable radiographing apparatus, which is movable,  
~~capable of moving and~~ for performing medical radiography on a predetermined part of the patient at a bedside of the patient;  
and

a controller for displaying an input screen corresponding to inputted information and for inputting information through the input screen,

15 wherein, when radiographing order information for performing the medical radiography is inputted, the controller displays a selection input screen for inputting a selection of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use radiographing apparatus or the medical radiography to be performed by the portable  
20 radiographing apparatus, and the controller displays a radiographing order information input screen ~~different according to a content of~~ differently in accordance with the inputted selection, ~~inputted,~~ and

5        wherein at ~~input~~ completion of inputting of the radiographing order information, the controller displays a same confirmation input screen for inputting confirmation of the ~~input~~ completion of the inputting of the radiographing order information regardless of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use radiographing apparatus or the medical radiography to be performed by the portable radiographing apparatus.

2. (Currently Amended) The system of claim 1, wherein the radiographing order information input screen ~~is~~ comprises an input screen for inputting the radiographing order information including a radiographing condition of the patient.

5        3. (Currently Amended) The system of claim 2, wherein, when the inputted selection inputted is ~~in regard to~~ for the portable radiographing apparatus, the input screen displayed by ~~the controller displays the~~ comprises an input screen for inputting the radiographing condition ~~[[,]]~~ which ~~that~~ is displayed when the inputted selection ~~inputted~~ is ~~in regard to~~ for the radiographic-room-use radiographing apparatus, with an effect added ~~on, the effect indicating~~ to the input screen to indicate that ~~use of~~ at least one predetermined portion of the

10 input screen is not applicable to the portable radiographing  
apparatus. is not applicable, as the radiographing order  
information input screen.

4. (Currently Amended) The system of claim 3, wherein ~~when the selection inputted is in regard to the portable radiographing apparatus, the controller displays the input screen for inputting the radiographing condition, which is displayed~~  
5 ~~when the selection inputted is in regard to the radiographic-~~  
~~room-use radiographing apparatus, with the radiographing~~  
~~condition meshed, the effect added to the input screen comprises~~  
~~hatching displayed over at least one portion of the input screen~~  
~~corresponding to at least one radiographing condition under which~~  
10 ~~the use of the portable radiographing apparatus is not usable.~~  
~~applicable, as the radiographing order information input screen.~~

5. (Currently Amended) A method for managing a medical image with a medical image radiographing system comprising a radiographic-room-use radiographing apparatus for performing medical radiography on a predetermined part of a patient in a radiographic room, a portable radiographing apparatus, which is  
5 movable, ~~capable of moving and~~ for performing medical radiography on a predetermined part of the patient at a bedside of the patient, and a controller for displaying an input screen

corresponding to inputted information and for inputting  
10 information through the input screen, said method comprising:

displaying, when radiographing order information is inputted  
for performing the medical radiography, a selection input screen  
for inputting a selection of whether the radiographing order  
information is for the medical radiography to be performed by the  
15 radiographic-room-use radiographing apparatus or the medical  
radiography to be performed by the portable radiographing  
apparatus;

displaying a radiographing order information input screen  
~~different according to a content of differently in accordance~~  
20 with the inputted selection; ~~inputted~~, and

displaying, at ~~input~~ completion of inputting of the  
radiographing order information, a same confirmation input screen  
for inputting confirmation of the ~~input~~ completion of the  
inputting of the radiographing order information regardless of  
25 whether the radiographing order information is for the medical  
radiography to be performed by the radiographic-room-use  
radiographing apparatus or the medical radiography to be  
performed by the portable radiographing apparatus.

6. (Currently Amended) The method of claim 5, wherein the  
radiographing order information input screen ~~is~~ comprises an

input screen for inputting the radiographing order information including a radiographing condition of the patient.

7. (Currently Amended) The method of claim 6, wherein, ~~the displaying a radiographing order information includes displaying,~~  
when the inputted selection inputted is ~~in regard to~~ for the portable radiographing apparatus, the displayed input screen for  
5 inputting the radiographing order information comprises an input  
screen for inputting the radiographing condition, ~~which that~~ is displayed when the inputted selection inputted is ~~in regard to~~  
for the radiographic-room-use radiographing apparatus, with an effect added ~~on, the effect indicating to the input screen to~~  
10 indicate that use of at least one predetermined portion of the  
input screen is not applicable to the portable radiographing  
apparatus, ~~is not applicable, as the radiographing order information input screen.~~

8. (Currently Amended) The method of claim 7, wherein ~~the displaying a radiographing order information includes displaying,~~  
~~when the selection inputted is in regard to the portable radiographing apparatus,~~ the input screen for inputting the  
5 ~~radiographing condition, which is displayed when the selection inputted is in regard to the radiographic-room use radiographing~~

~~apparatus, with the radiographing condition meshed, the effect~~  
~~added to the input screen comprises hatching displayed over at~~  
~~least one portion of the input screen corresponding to at least~~  
10 ~~one~~ radiographing condition under which ~~use of~~ the portable  
radiographing apparatus is not usable. ~~applicable, as the~~  
~~radiographing order information input screen.~~

9. (Currently Amended) A medical image radiographing system comprising:

a controller for managing radiographing order information and a medical image so as to correspond to each other;

5 a portable terminal for storing the radiographing order information and identification information of a cassette so as to correspond to each other; and

a medical image reading apparatus for reading out the medical image from ~~a~~ the cassette and the identification  
10 information of the cassette,

wherein the controller, the portable terminal and the medical image reading apparatus are connected through a network,

wherein the portable terminal comprises:

a storage section for storing the radiographing order  
15 information and the identification information of the cassette so as to correspond to each other; and

a communication section for transmitting the radiographing order information and the identification information of the cassette so as to correspond to each other;

20        wherein the medical image reading apparatus comprises:

a communication section for transmitting the medical image read out from the cassette and the identification information of the cassette so as to correspond to each other, and

25        wherein the controller comprises:

a communication section for receiving a set of the radiographing order information and the identification information of the cassette, and a set of the identification information of the cassette and the medical image;

30        a storage section for storing the radiographing order information and the medical image so as to correspond to each other based on the identification information of the cassette; and

a display control section for displaying at least two  
35 medical images ~~over~~ corresponding to a plurality of patients on a same screen, when the at least two medical images are among  
medical images corresponding to the that correspond to  
radiographing order information that is received from a same portable terminal. ~~, on a same screen.~~

10. (Currently Amended) The system of claim 9, wherein in the controller: [[,]]

the communication section receives a set of the identification information of the cassette and radiographing order information ~~of~~ corresponding to a plurality of patients, ~~and the identification information of the cassette,~~ and a set of the identification information of the cassette and a plurality of medical images ~~of~~ corresponding to the plurality of patients ~~and the identification information of~~ that are read from the cassette;

the storage section stores the radiographing order information of the plurality of patients and the medical images of the plurality of patients so as to correspond to each other based on the identification information of the cassette; and

the display control section displays at least two medical images ~~over~~ corresponding to the plurality of patients among the medical images corresponding to the radiographing order information of the plurality of patients received from the same portable terminal, on the same screen.

11. (Currently Amended) The system of claim 9, wherein the controller comprises a mode setting section for setting one of a normal mode under which ~~the~~ a medical image radiographed in ~~the~~ a



radiographic room is displayed ~~or~~ and a portable mode under which  
5 ~~the~~ a medical image radiographed at round visits is displayed,  
and

wherein the display control section ~~displays the medical~~  
~~image according to~~ operates in accordance with a mode set by the  
mode setting section.

12. (Currently Amended) The system of claim 11, wherein the  
display control section of the controller displays ~~the~~ at least  
one medical image of a same patient on the same screen under the  
normal mode, and the display control section of the controller  
5 displays ~~the~~ at least one medical image corresponding to ~~the~~  
radiographing order information stored in a same portable  
terminal under the portable mode.

13. (Currently Amended) The system of claim 11, wherein in  
the portable terminal: [[,]]

the storage section stores the radiographing order  
information regarding the radiography at the round visits and the  
5 identification information of the cassette; and

the communication section transmits the radiographing  
order information regarding the radiography at the round visits  
and the identification information of the cassette, and

wherein in the controller: [[,]]

10           the communication section receives the radiographing  
order information regarding the radiography at the round visits  
and the identification information of the cassette;

          the mode setting section sets the portable mode when  
the communication section receives the radiographing order  
15   information regarding the radiography at the round visits and the  
identification information of the cassette; and

          the display control section ~~displays the medical image~~  
operates under the portable mode.

14. (Currently Amended) A medical image radiographing  
system comprising:

          a controller for managing a medical image, identification  
information of a cassette and radiographing order information so  
5   as to correspond to each other;

          a portable terminal for storing the radiographing order  
information and the identification information of the cassette so  
as to correspond to each other; and

          a medical image reading apparatus for reading out the  
10   medical image from the cassette and the identification  
information of the cassette,

          wherein the controller, the portable terminal and the  
medical image reading apparatus are connected through a network,

wherein the portable terminal comprises:

15           a storage section which stores the radiographing order  
information and the identification information of the cassette so  
as to correspond to each other; and

          a communication section for transmitting the  
radiographing order information and the identification  
20 information of the cassette so as to correspond to each other,

wherein the medical image reading apparatus comprises:

          a communication section for transmitting the medical  
image read out from the cassette and the identification  
information of the cassette so as to correspond to each other,  
25 and

wherein the controller comprises:

          a communication section for receiving a set of the  
radiographing order information and the identification  
information of the cassette, and a set of the medical image and  
30 the identification information of the cassette;

          a storage section for storing the radiographing order  
information and the medical image so as to correspond to each  
other based on the identification information of the cassette;

          a mode setting section for setting one of a normal mode  
35 under which ~~the~~ a medical image radiographed in a radiographic  
room is displayed ~~or~~ and a portable mode under which ~~the~~  
a medical image radiographed at round visits is displayed; and

40 a display control section for displaying ~~the~~ at least  
one medical image of a same patient on a same screen under the  
normal mode, and for displaying at least two medical images ~~over~~  
corresponding to a plurality of patients on a same screen, when  
the at least two medical images are among medical images  
~~corresponding to the~~ that correspond to radiographing order  
information that is received from a same portable terminal, ~~on~~  
45 ~~the same screen~~ under the portable mode.

15. (Currently Amended) The system of claim 14, wherein in  
the controller: [[,]]

5 the communication section receives a set of the  
identification information of the cassette and a plurality of  
pieces of radiographing order information, ~~and the identification~~  
~~information of the cassette,~~ and a set of the identification  
information of the cassette and a plurality of medical images;  
~~and the identification information of the cassette,~~ and

10 the display control section displays all of the medical  
images corresponding to the plurality of pieces of radiographing  
order information received, on the same screen.

16. (Currently Amended) The system of claim 14, wherein in  
the controller: [[,]]

the mode setting section sets the normal mode when the communication section does not receive the radiographing order information and the identification information of the cassette from the portable terminal, and sets the portable mode when the communication section receives the radiographing order information and the identification information of the cassette from the portable terminal; and

the display control section ~~displays the medical image according to a~~ operates under the mode set by the mode setting section.

17. (Currently Amended) A method for displaying a medical image in a medical image radiographing system in which: (i) a controller for managing radiographing order information and the medical image so as to correspond to each other, (ii) a portable terminal for storing the radiographing order information and identification information of a cassette so as to correspond to each other and (iii) a medical image reading apparatus for reading out the medical image from the cassette and the identification information of the cassette are connected through a network, said method comprising:

storing the radiographing order information and the identification information of the cassette so as to correspond to each other;

transmitting the radiographing order information and the  
15 identification information of the cassette so as to correspond to  
each other;

transmitting the medical image read out from the cassette  
and the identification information of the cassette so as to  
correspond to each other;

20 receiving a set of the radiographing order information and  
the identification information of the cassette, and a set of the  
medical image and the identification information of the cassette;

storing the radiographing order information and the medical  
image so as to correspond to each other based on the  
25 identification information of the cassette;

displaying at least two medical images ~~over~~ corresponding to  
a plurality of patients on a same screen, when the at least two  
medical images are among medical images ~~corresponding to the that~~  
correspond to radiographing order information that is received  
30 from a same portable terminal, ~~, on a same screen.~~

18. (Currently Amended) The method of claim 17, ~~further~~  
~~comprising wherein:~~

said receiving comprises receiving a set of the  
identification information of the cassette and radiographing  
5 order information ~~of~~ corresponding to a plurality of patients,  
~~and the identification information of the cassette, and a set of~~

the identification information of the cassette and medical images  
of corresponding to the plurality of patients; ~~and the~~  
~~identification information of the cassette;~~

10        said storing the radiographing information and the medical  
image comprises storing the radiographing order information of  
the plurality of patients and the medical images of the plurality  
of patients so as to correspond to each other based on the  
identification information of the cassette; and

15        said displaying comprises displaying on a same screen at  
least two medical images ~~over~~ corresponding to the plurality of  
patients that are among the medical images corresponding to the  
radiographing order information of the plurality of patients  
received from the same portable terminal. ~~, on the same screen.~~

19. (Currently Amended) The method of claim 17, further  
comprising:

setting one of a normal mode under which ~~the~~ a medical image  
radiographed in a radiographic room is displayed ~~or~~ and a  
5        portable mode under which ~~the~~ a medical image radiographed at  
round visits is displayed; and

~~displaying the medical image by switching~~ controlling a  
display screen ~~according to~~ operate in accordance with a set mode  
set.

20. (Currently Amended) The method of claim 19, wherein ~~the~~  
~~displaying the medical image by switching a~~ controlling the  
~~display screen according to a mode set includes~~ comprises  
displaying ~~the~~ at least one medical image of a same patient on  
5 the same screen under the normal mode, and displaying ~~the~~ at  
least one medical image corresponding to ~~the~~ radiographing order  
information stored in the same portable terminal on the same  
screen under the portable mode.

21. (Original) The method of claim 19, further comprising:  
storing the radiographing order information regarding the  
radiography at the round visits and the identification  
information;

5 transmitting the radiographing order information regarding  
the radiography at the round visits and the identification  
information;

receiving the radiographing order information regarding the  
radiography at the round visits and the identification  
10 information;

setting the portable mode when the radiographing order  
information regarding the radiography at the round visits and the  
identification information are received; and

displaying the medical image under the portable mode.



22. (Currently Amended) A method for displaying a medical image in a medical image radiographing system in which: (i) a controller for managing the medical image, identification information of a cassette and radiographing order information so as to correspond to each other, (ii) a portable terminal for storing the radiographing order information and the identification information of the cassette so as to correspond to each other, and ~~the~~ (iii) a medical image reading apparatus for reading out the medical image from the cassette and the identification information of the cassette are connected through a network, comprising:

storing the radiographing order information and the identification information of the cassette so as to correspond to each other;

transmitting the radiographing order information and the identification information of the cassette so as to correspond to each other;

transmitting the medical image read out from the cassette and the identification information of the cassette so as to correspond to each other;

receiving a set of the radiographing order information and the identification information of the cassette, and a set of the medical image and the identification information of the cassette;

storing the radiographing order information and the medical  
25 image so as to correspond to each other based on the  
identification information of the cassette;

setting one of a normal mode under which ~~the~~ a medical image  
radiographed in a radiographic room is displayed ~~or~~ and a  
portable mode under which ~~the~~ a medical image radiographed at  
30 round visits is displayed; and

displaying ~~the~~ at least one medical image of a same patient  
on a same screen under the normal mode, and displaying at least  
two medical images ~~over~~ corresponding to a plurality of patients  
on a same screen, when the at least two medical images are among  
35 medical images ~~corresponding to the~~ that correspond  
to radiographing order information that is received from a same  
portable terminal ~~, on the same screen under the portable mode.~~

23. (Currently Amended) The method of claim 22, ~~further~~  
~~comprising wherein:~~

said receiving comprises receiving a set of the  
identification information of the cassette and a plurality of  
5 pieces of radiographing order information, ~~and the identification~~  
~~information of the cassette,~~ and a set of the identification  
information of the cassette and a plurality of medical images;  
~~and the identification information of the cassette, and~~

10        said displaying comprises displaying all of the medical  
images corresponding to the plurality of pieces of radiographing  
order information received, on the same screen.

24. (Currently Amended) The method of claim 22, ~~further~~  
~~comprising: setting wherein~~ the normal mode is set when the  
radiographing order information and the identification  
information of the cassette are not received, and ~~setting~~ the  
5        portable mode is set when the radiographing order information and  
the identification information of the cassette are received,  
[[;]] and the displaying the medical image according to is  
controlled in accordance with a set mode set.

25. (Currently Amended) A medical image radiographing  
system comprising:

5        a radiographic-room-use radiographing apparatus for  
performing medical radiography on a predetermined part of a  
patient in a radiographic room;

      a portable radiographing apparatus, which is movable,  
~~capable of moving and~~ for performing medical radiography on a  
predetermined part of the patient at a bedside of the patient;

10        a controller for displaying an input screen corresponding to  
inputted information and for inputting information through the  
input screen;

a portable terminal for storing radiographing order information and identification information of a cassette so as to correspond to each other; and

15        a medical image reading apparatus for reading out the medical image from the cassette and the identification information of the cassette,

wherein the controller comprises:

20        a display section for displaying, when the radiographing order information for performing the medical radiography is inputted, ~~for displaying~~ a selection input screen for inputting a selection of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use radiographing apparatus or the medical

25        radiography to be performed by the portable radiographing apparatus, for displaying a radiographing order information input screen ~~different according to a content of~~ differently in accordance with the inputted selection, ~~inputted~~, and for displaying, at ~~input~~ completion of inputting of the

30        radiographing order information, a same confirmation input screen for inputting confirmation of the ~~input~~ completion of the inputting of the radiographing order information regardless of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use

35 radiographing apparatus or the medical radiography to be  
performed by the portable radiographing apparatus;

a communication section for receiving a set of the  
radiographing order information and the identification  
information of the cassette, and a set of the medical image and  
40 the identification information of the cassette;

a storage section for storing the radiographing order  
information and the medical image so as to correspond to each  
other based on the identification information of the cassette;  
and

45 a display control section for displaying at least two  
medical images ~~over~~ corresponding to a plurality of patients on a  
same screen, when the at least two medical images are among  
medical images ~~corresponding to the~~ that correspond to  
radiographing order information that is received from a same  
50 portable terminal, ~~on a same screen,~~

wherein the portable terminal comprises:

a storage section for storing the radiographing order  
information and the identification information of the cassette so  
as to correspond to each other; and

55 a communication section for transmitting the  
radiographing order information and the identification  
information of the cassette so as to correspond to each other,  
and

wherein the medical image reading apparatus comprises:

60           a communication section for transmitting the medical  
image read out from the cassette and the identification  
information of the cassette so as to correspond to each other.